

Web Site

www.samsung.com/au/suppo

www.samsung.com/hk/

www.samsung.com/in/suppor

www.samsung.com/id/suppo

www.samsung.com/jp/suppo

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support (Chinese)

user manua

Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance. Product design and specifications

Still image warning

woid displaying still images (like jpeg picture files) or still image element (like TV orogramme logo, panorama or 4:3 image format, stock or news bar at screen bottom etc.) on the screen. Constant displaying of still picture can cause ghosting of LED screen, which will affect image quality. To reduce risk of this effect, please follow below Avoid displaying the same TV channel for long periods

- Always try to display any image on full screen, use TV set picture format menu for best possible match.
- Reduce brightness and contrast values to minimum required to achieve desired picture quality, exceeded values may speed up the burnout process.
- · Frequently use all TV features designed to reduce image retention and screen burnout, refer to proper user manual section for details.
- For India Only

This product is RoHS compliant



(Waste Electrical & Electronic Equipment) (Waste Electrical & Electronic Equipment)
This marking on the product & accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources House hold users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling. Business user should contact their stronglier and check the terms Business user should contact their supplier and check the terms nd conditions of the purchase contract. This product and its tronic accessories should not be mixed other commercial wastes for disposal. For more information on safe disposal and recycling visit our website www. samsung.com/in or contact our helpline number - 18002668282, 180030008282

For personal and non-commercial use only

Usage is subject to following the guidelines in the User Manual and may not be available in all regions.

Contact SAMSUNG WORLD WIDE

AUSTRALIA 1300 362 603

HONG KONG (852) 3698 4698

INDIA

INDONESIA

SINGAPORE

VIETNAM

GEORGIA

ARMENIA

AZERBAIJAN

MONGOLIA

BELARUS

MOLDOVA

ALGERIA

PAKISTAN

TUNISIA

Country Customer Care Centre 🕿

NEW ZEALAND 0800 SAMSLING (0800 726 www.samsung.com/nz/support

1800 3000 8282 - Toll Free

1800 266 8282 - Toll Free

1-800-10-7267864 [PLDT]

2-4222111 [Other landline

1800-SAMSUNG (726-7864) www.samsung.com/sg/support

1-800-8-7267864 [Globe

andline and Mobile]

0800112888

0120-327-52

1800-88-9999

1800-29-3232

0800-32-9999

1 800 588 889

0-800-05-555

088-55-55-555

3-10-800-500-55-500

8-10-800-500-55-500

0800-Samsung (72678)

+7-800-555-55-55

0-800-614-40

UZBEKISTAN 8-10-800-500-55-500

21-56997777

SAMSUNG **Warning! Important Safety Instructions**

(Please read the safety instructions below before installing and using the product.)

CAUTION RISK OF ELECTRIC SHOCK. DO NOT OPEN

AUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE FER ALL SERVICING TO QUALIFIED PERSONNEL

Important Safety Instructions



• The slots and openings in the cabinet and in the back or bottom are provided for necessary ventilation. To ensure reliable operation of this apparatus, and to protect it from overheating, these slots and openings must never be blocked or covered. Do not cover the slots and openings with a cloth or other materials.
 Do not block the slots and openings by placing this apparatus on a bed, sofa, rug or other similar surface.

- Do not place this apparatus in a confined space, such as a bookcase or built-in cabinet, unless proper ventilation is provided.
- Do not place this apparatus near or over a radiator or heat register, or where it is exposed to direct sunlight.
- Do not place a vessel containing water (vases etc.) on this apparatus, as this can result in a risk of fire or electric shock • Do not expose this apparatus to rain or place it near water (near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a imming pool etc.). If this appratus accidentally gets wet, unplug it and contact an authorized dealer immediately
- Make sure to pull out the power cord from the outlet before cleaning.
- · This apparatus use batteries. In your community, there might be regulations that require you to dispose of these batteries properly to protect the environment. Please contact your local authorities for disposal or recycling information.
- Do not overload wall outlets, extension cords, or adaptors beyond their capacity, since this can result in fire or electric shock
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular
 attention to cords at the plug end, where connected to adaptors, and at the point where they exit from the apparatus. To protect this apparatus from a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the set due to lightning and power line surges.
- Before connecting the AC power cord to the DC adaptor outlet, make sure the voltage designation of the DC adaptor corresponds to the local electrical supply. (depending on the model)
- Never insert anything metallic into the open parts of this apparatus. Doing so may create a danger of electric shock.
- To avoid electric shock, never touch the inside of this apparatus. Only a qualified technician should open this apparatus.
- · Make sure to plug the power cord in until it is firmly inserted. Pull on the plug, not the cord, when removing the power cord from the outlet. Do not touch the power cord with wet hands.
- . If this appratus does not operate normally in particular, if there are any unusual sounds or smells coming from it unplug it immediately and contact an authorized dealer or service center. • Be sure to pull the power plug out of the outlet if the TV is to remain unused or if you are to leave the house for an extended period of time (especially
- when children, elderly or disabled people will be left alone in the house).

 Accumulated dust can cause an electric shock, an electric leakage, or a fire by causing the power cord to generate sparks and heat, or cause the insulation to deteriorate.
- Be sure to contact an authorized service center, when installing your set in a location with heavy dust, high or low temperatures, high humidity, chemical substances or where it will operate for 24 hours a day such as in an airport, a train station, etc. Failure to do so may cause serious damage
- Use only a properly grounded plug and receptacle An improper ground may cause electric shock or equipment damage. (Class I Equipment only.)
- . To turn off the apparatus completely, you must pull the power plug out of the wall socket. Consequently, the power plug should be readily accessible
- Do not allow children to hang onto the product.
- Store the accessories (batteries, etc.) in a location safely out of the reach of children.
- Do not install the product in an unstable location such as a shaky self, a slanted floor, or a location exposed to vibration.
- . Do not drop or impart a shock to the product. If the product is damaged, disconnect the power cord and contact a service center.
- . To clean the product, unplug the power cord from the power outlet and wipe the product using a soft, dry cloth. Do not use any chemicals such as wax, benzene, alcohol, thinners, insecticide, air freshener, lubricant or detergent. This may damage the appearance or erase the printing on the
- Do not expose the apparatus to dripping or splashing.
- Do not dispose of batteries in a fire.
- Do not short circuit, disassemble, or overheat the batteries
- not short circuit, disassemble, or overheat the batteries.
- There is a danger of explosion if you replace the batteries with the wrong type of battery. Replace only with the same or equivalent type . WARNING - TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES OR OTHER OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL TIMES.

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Changing the Input Source

Source List

Use to select TV or other external input sources such as DVD / Blu-ray players / cable box / STB satellite receiver connected to the TV.

1. Press the SOURCE button. 2. Select a desired external input source.

■ TV / AV / Component / HDMI1 / HDMI2/DVI

You can only choose external devices that are connected to the TV. In the Source List, connected inputs will be highlighted.

Edit Name lets you associate a device name to an input source. To ed to the input jacks to make your input source selection easier.

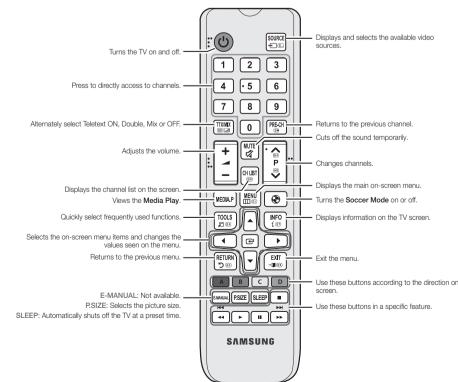
- When connecting a PC to the HDMI IN 2 (DVI) port with HDMI cable, you should set the TV to **PC** mode under **Edit Name**.
- When connecting an AV devices to the HDMI IN 2 (DVI) port with HDMI

Information

Press INFO(NFO), you can see detailed information about the selected external device

[UH4003-ME]BN68-05733J-11ENG.indb 1

🖎 This remote control has Braille points on the Power, Channel, and Volume buttons and can be used by visually impaired persons.



How to use Edit Name

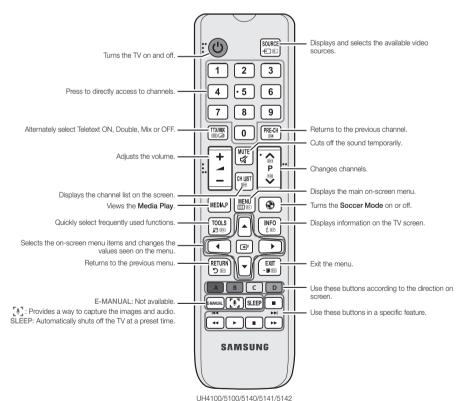
ccess Edit Name, enter Support menu and select Edit Name. Name

- When connecting a PC to the HDMI IN 2 (DVI) port with HDMI to DVI cable, you should set the TV to DVI PC mode under Edit Name.
- to DVI cable, you should set the TV to DVI mode under Edit Name.

Nation only available for the current connected source.

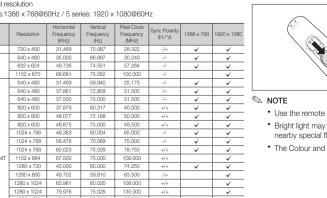
mote Control

This remote control has Braille points on the Power, Channel, and Volume buttons and can be used by visually impaired persons.

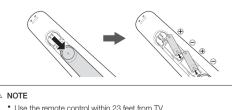


Display Modes (HDMI/DVI Input)

Optimal re I series:1	solution 366 x 768@6	60Hz / 5 ser	ies: 1920 x	1080@60H	łz		
Mode	Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Pixel Clock Frequency (MHz)	Sync Polarity (H / V)	1366 x 768	1920 x 108
IBM	720 x 400	31.469	70.087	28.322	-/+	√	~
	640 x 480	35.000	66.667	30.240	-/-	✓	~
MAC	832 x 624	49.726	74.551	57.284	-/-	✓	~
	1152 x 870	68.681	75.062	100.000	-/-		✓
	640 x 480	31.469	59.940	25.175	-/-	√	✓
	640 x 480	37.861	72.809	31.500	-/-	√	✓
	640 x 480	37.500	75.000	31.500	-/-	√	✓
	800 x 600	37.879	60.317	40.000	+/+	✓	✓
	800 x 600	48.077	72.188	50.000	+/+	√	✓
	800 x 600	46.875	75.000	49.500	+/+	√	✓
	1024 x 768	48.363	60.004	65.000	-/-	√	✓
	1024 x 768	56.476	70.069	75.000	-/-	√	✓
	1024 x 768	60.023	75.029	78.750	+/+	√	✓
VESA DMT	1152 x 864	67.500	75.000	108.000	+/+		~
	1280 x 720	45.000	60.000	74.250	+/+	√	✓
	1280 x 800	49.702	59.810	83.500	-/+		✓
	1280 x 1024	63.981	60.020	108.000	+/+		✓
	1280 x 1024	79.976	75.025	135.000	+/+		√
	1366 x 768	47.712	59.790	85.500	+/+	√	✓
	1440 x 900	55.935	59.887	106.500	-/+		~
	1600 x 900RB	60.000	60.000	108.000	+/+		~
	1600 v 1050	65 200	E0.0E4	146.050	7.		- /



Installing batteries (Battery size: AAA)

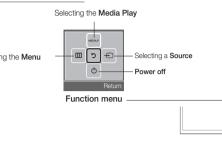


- Use the remote control within 23 feet from TV.
- Bright light may affect the performance of the remote control. Avoid using
- nearby special fluorescent light or neon signs. • The Colour and shape may vary depending on the model.

Getting Started

Accessories Remote Control & Batteries (AAA x 2) Warranty Card / Regulatory Guide (Not available in some locations) Cable Holder(1EA) Assembling the Cable Holder Not for UA23H4003 Input Cables (Sold Separately) HDMI-DVI Component

TV Controller (Panel Key)



To close the Menu, Media Play List, or Source List, press the Controller for more than 1 second.

🖏 When selecting the function by moving the controller to the up/down/left/right directions, be sure not to press the controller. If you press it first, you cannot operate it to move the up/down/left/right directions.

Remote control sensor

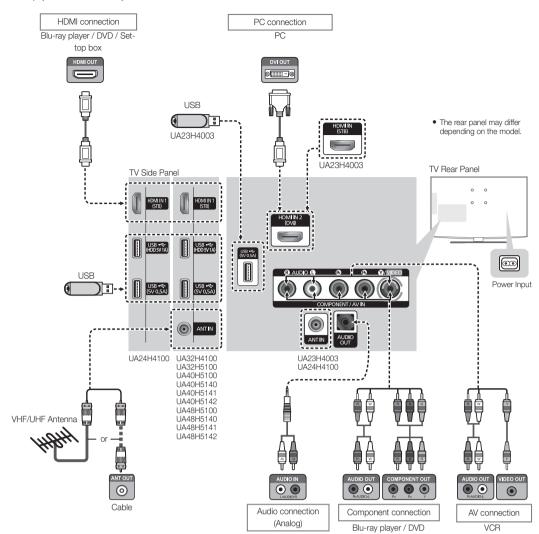
Plug & Play (Initial Setup)

When you turn the TV on for the first time, a sequence of screens and on-screen prompts will assist you in configuring the TV's basic settings. Plug the power cord into a wall outlet, and then press the POWER button to turn on the TV. Set the initial setup following instructions that the TV guides. 🔌 If you are not using a cable box or satellite box, make you sure have connected the TV to an Aerial or cable connection before you turn on the TV. Connecting the power cord and antenna. (refer to 'Connections')

• For better picture and audio quality, connect to a digital device using an HDMI

Be sure to purchase a certified HDMI cable. Otherwise, the picture may not.

- . PC/DVI AUDIO IN input is not supporte For HDMI/DVI cable connection, you must use the HDMI IN 2 (DVI) por
- The picture may not display normally (if at all) or the audio may not work if an external device that uses an older version of HDMI mode is connected to the TV. If such a problem occurs, ask the manufacture of the external device about the HDMI version and, if out of date, request an upgrade. . Connecting through the HDMI cable may not be supported depending on the PC • If an HDMI to DVI cable is connected to the HDMI IN 2 (DVI) port, the audio does
 - - . For Set-top box connection using HDMI cable, we highly recommend you to connect the HDMI IN 1 (STB) port



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□ Seeing Channels

Channel List

Select a channel in the All Channels, Added Channels screen by pressing the $\blacktriangle/\blacktriangledown$ buttons, and pressing the <code>ENTER</code> \boxdot button. Then you can watch the selected channel.

Using the remote control buttons with the Channel List **Channel Status Display icons**

Icons A channel deleted.

□ Retuning Channels

You can change the desired area.

Auto Store (Depending on the country)

Scans for a channel automatically and stores in the TV.

Manual Store

Scans for a channel manually and stores in the TV. According to channel source, Manual Store may be supported.

Programme, Colour System, Sound System, Channel, Search, Store: 1 there is abnormal sound or no sound, reselect the sound standard required.

Channel List Option Menu Set each channel using the **Channel List** menu options (**Add / Delete**). Option menu items may differ depending on the channel status Set each channel using the **Channel List** menu options. Option menu

- tems may differ depending on the channel status. ■ Add / Delete: Delete or add a channel to display the channels you want. All deleted channels will be shown on the All Channels menu
- Δ "¥" haside the channel indicates the channel has been deleted The **Add** menu only appears for deleted channels.
- Fine Tune

If the reception is clear, you do not have to fine tune the channel, as this is done automatically during the search and store operation. If the signal is Digital Clean View: (Auto / Off / Low / Medium / High) If the broadcast weak or distorted, fine tune the channel manually.

Fine tuned channels that have been saved are marked with an asterisk "* on the right-hand side of the channel number in the channel banner.

This is available for analogue broadcasts only.

Picture Menu

Picture Mode TOOLS Select your preferred picture type

■ Dynamic: Suitable for a bright room.

■ Standard: Suitable for a normal environment. ■ Movie: Suitable for watching movies in a dark room

Backlight / Contrast / Brightness / Sharpness / Colour / Tint (G/R)

Your television has several setting options for picture quality control. In analogue TV, AV modes of the PAL system, the Tint (G/R) function is

TV Controller

The image is drawn by facing the front side of the TV.

When connecting a PC, you can only make changes to **Backlight**, Contrast, Brightness and Sharpness.

Settings can be adjusted and stored for each external device connected Lowering picture brightness reduces power consumption.

Picture Options

■ Colour Tone: Select the colour temperature Warm will be deactivated when the picture mode is **Dynamic**

■ Size: Your cable box/satellite receiver may have its own set of screen sizes as well. However, we highly recommend you use 16:9 mode most

16:9: Sets the picture to 16:9 wide mode. 4:3: Sets the picture to basic (4:3) mode.

to an input on the TV.

adapted motion.

Zoom1/Zoom2: Zoom out 16:9 wide mode vertically to fit the screen Do not watch in 4:3 format for a long time. Traces of borders displayed

(screen burn) which are not covered by the warranty. Screen Fit: Displays the full image without any cut-off when HDMI(720p/1080i/1080p) signals are inputted. NOTE

• Depending on the input source, the picture size options may vary. The available items may differ depending on the selected mode. • Settings can be adjusted and stored for each external device connected

signal received by your TV is weak, you can activate the **Digital Clean**. View feature to reduce any static and ghosting that may appear on the

When the signal is weak, try other options until the best picture is

■ HDMI Black Level: Selects the black level on the screen to adjust the

Available only in HDMI mode (RGB signals).

■ Film Mode: (Auto / Off) Sets the TV to automatically sense and process film signals from all sources and adjust the picture for optimum

Available in TV mode, AV, COMPONENT (480i / 1080i) and HDMI (480i / 1080i). ■ Motion Lighting: Reduce power consumption by brightness control

Only available in **Standard** mode. ■ Analogue Clean View: Reduces diagonal noise in picture caused by the crosstalk of signals. Not available for H4003.

Picture Reset

Resets your current picture mode to its default settings.

■ Reset Picture Mode : Returns all picture values in the currently.

Sound Menu Sound Mode TOOLS

■ Standard: Selects the normal sound mode

■ Music: Emphasizes music over voices.

■ Movie: Provides the best sound for movies. ■ Clear Voice: Emphasizes voices over other sounds.

Equalizer

■ Balance: Adjusts the balance between the right and left speaker ■ 100Hz / 300Hz / 1kHz / 3kHz / 10kHz (Bandwidth Adjustment):

Adjusts the level of specific bandwidth frequencies ■ Reset: Resets the Equalizer to its default settings.

standard sound mode only) This function provides a virtual 5.1 channel surround sound experience hrough a pair of speakers using HRTF (Head Related Transfer Function)

Auto Volume

Because each broadcasting station has its own signal conditions, the volume may fluctuate each time channel is changed. This feature lets you automatically adjust the volume of the desired channel by lowering the sound output when the modulation signal is high or by raising the sound output when the modulation signal is low.

Speaker Select

A sound echo may occur due to a difference in decoding speed between he main speaker and the audio receiver. In this case, set the TV to External Speaker.

When you set Speaker Select to External Speaker, the TV's speakers are turned off. You will hear sound through the external speakers only.

When you set Speaker Select to TV Speaker, both the TV's speakers and the external speakers are on. You will hear sound through both.

When Speaker Select is set to External Speaker, the volume and MLITE

buttons will not operate and the sound settings will be limited. If there is no video signal, both speakers will be mute.

Sound Reset

- 4 -

■ Reset All: Reset all sound settings to the factory defaults.

Selecting the Sound Mode TOOLS When you set to Dual I - Dual II, the current sound mode is displayed

Dual I ↔ Dual II

Automatic

change

2014-05-27 4:35:56

Automatic

Stereo Dual Dual I No Dual II ✓ If the stereo signal is weak and an automatic switching, occurs, then

switch to the mono.

Only activated in stereo sound signal. This function is available for all input sources

Dual

areas, some countries have only one language."

Language

Set the menu language.

Time

Press ✓ or ► button to select menu language. (According to the different

■ Clock Set: Set the Year, Month, Day, Hour, Minute

Select Off to turn of Repeat

■ On Timer/Off Timer Current time should be set first by Clock Set Repeat: Set the timer to repeat by Once, Everyday, Mon~Fri, Mon~Sat, Sat~Sun, Sun.

Hour/Minute: Enter the hour and minute for the TV to turn on or off.

Volume: Select the volume level when TV turns on automatically.

Contents: Select TV. Channel: Select the channel to be played when the TV turns on automatically

■ Sleep Timer TOOLS, Automatically shuts off the TV after a preset period of time. (Off, 30 min, 60 min, 90 min, 120 min, 150 min and 180 min)

To cancel Sleep Timer, select Off. Melody

Set so that a melody plays when the TV is turned **Off**, **Low**, **Medium** and High.

The **Melody** does not play. - When no sound is output from the TV because the volume has been reduced to minimum with the VOL - button

- When the TV is turned off by Sleep Timer function. Auto Power Off

The TV will be automatically turned off when no user operation is

If the Auto Power Off option is set to Off, the TV will stay on even if no

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Support Menu

■ Using the Media Play

Enjoy photos, music and/or movie files saved on a USB Mass Storage Class (MSC) device.



Connecting a USB Device

- 1. Turn on your TV. 2. Connect a USB device containing photo, music and/or movie files
- to the USB jack on the side of the TV. 3. When USB is connected to the TV, you can select Media Play.
- The maximum displayed number of partition is 4.

Using the Media Play Menu

- 1. Press the MENU button. Press the ▲ or ▼ button to select Support, then press the ENTER → button.
- 2. Press the ▲ or ▼ button to select Media Play (USB), then press
- 3. Press the

 or

 button to select an icon (Videos, Music.)
- tos), then press the ENTER 🗗 button
- It might not work properly with unlicenced multimedia files.
- If you want to view detailed information of the file being played, press FOOLS button in the file list, and then select Information
- Need-to-Know List before using Media Play (USB)
- Supported file systems are FAT and NTFS.
- Certain types of USB Digital camera and audio devices may not be compatible with this TV.
- Media Play only supports USB Mass Storage Class (MSC)
- devices. MSC is a Mass Storage Class Bulk-Only Transport device. Examples of MSC are Thumb drives and Flash Card Readers. Devices should be connected directly to the TV's USB port. (LED 4000, 4003, 5000 series: USB HDD is not supported.) Does not support smart devices connected in MTP or PTP protocol.
- Before connecting your device to the TV, please back up your files to prevent them from damage or loss of data. SAMSUNG
- is not responsible for any data file damage or data loss. A USB device that requires high power may not be supported. (LED 4000, 4003, 5000 series: 0.5A) (LED 4100, 5100 series and above: 1A)
- Do not disconnect the USB device while it is loading. • The higher the resolution of the image, the longer it takes to
- display on the screen. • The maximum supported JPEG resolution is 15360 x 8640
- If a file is corrupted or the TV does not support the file type, the "Not Supported File Format" message appears.
- If a USB extension cable is used, the USB device may not be recognized or the files on the device may not be read.
- The TV cannot play MP3 files with DRM that have been downloaded from a for-pay site. Digital Rights Management
- (DRM) is a technology that supports the creation, distribution,

nanaging billings and settlements.

of content providers, preventing illegal copying of contents, and

- and management of digital content in an integrated and comprehensive way, including protecting the rights and interests

Supported Video Formats

File Extension	Container	Video Codec	Resolution	Frame rate(fps)	Bit rate(Mbps)	Audio Codec	
		DivX 3.11/4.12/5.x/6.0	1920x1080	6~30	20Mbps		
*.mp4	MP4	H.264	1920x1080	6~30	20Mbps	MP3 / ADPCM / AAC	
mp4	IVIP4	VC-1	1920x1080	6~30	20Mbps		
		MJPEG	640x480	6~30	10Mbps	1	
		DivX 3.11/4.12/5.x/6.0	1920x1080	6~30	20Mbps		
.avi.mkv	AVIMKV	MPEG 1/2/4	1920x1080	6~30	20Mbps	MP3 / AC3 / LPCM / ADPCM	
avimkv	AVIMINA	H.264	1920x1080	6~30	20Mbps	LPCM / ADPCM / DTS	
		MJPEG	640x480	6~30	10Mbps	1	
	ASF	DivX 3.11/4.12/5.x/6.0	1920x1080	6~30	20Mbps	MP3 / AC3 /	
.asf.wmv		MPEG 1/2/4	1920x1080	6~30	20Mbps	LPCM /ADPCM /	
		H.264	1920x1080	6~30	20Mbps	WMA / WMA Pro	
.ts.trp*.tp	TS	MPEG2-TS	1920x1080	6-30	20Mbps	AC3 / AAC /	
		H. 264	1920x1080	6-30	20Mbps	MP3 / DD+	
		MPEG1	1920x1080	6~30	20Mbps	AC3 / MPEG /	
'.dat*.mpg*. mpeg*.vob	PS	MPEG2	1920x1080	6~30	20Mbps	LPCM / AAC	
mpeg .voo		H. 264	1920x1080	6~30	20Mbps	2 0 0 0 0 0 0 0 0	
*.3gp	3GPP	MPEG 1/2/4	1920x1080	6~30	20Mbps	MP3	
	JUFF	H.264	1920x1080	6~30	20Mbps	IWIFS	
*.flv	flash formats	H.264	1920x1080	6~30	6~30 20Mbps		
".flv	nasn romats	Sorenson H.263	1920x1080	6~30	20Mbps	MP3	

Other Restrictions

- Video content will not play, or not play correctly, if there is an error in the content or the container.
- If the Index Table is in error, the Seek (Jump) function is not supported.

Video Decoder

- bar are not displayed. During video playback, you can search using the ◀ and ▶ button.
- You can use ((REW) and (FF) buttons during playback.
- In this mode, you can play movie clips contained in a game, but you
- Supported Subtitle Formats

· PTP device is not supported.

and check the connection.

the Videos.

higher than USB 2.0.

PC to permanently delete the file.

Photos only supports sequential jpeg format.

appear and some folders may not be opened.

in one folder of USB storage device is 2000.

other language is not displayed properly.

ENTER button in the Media Play menu

3. Press the ENTER → button or ▶ (Play) button.

1. Press the ◀ or ▶ button to select Videos, then press the

- The selected file is displayed on the top with its playing time.

2. Press the ◀/▶/▲/▼ buttons to select the desired video in the file

- If video time information is unknown, playing time and the progress

recognized or may malfunction.

If an over-power warning message is displayed while you are connecting or using a USB device, the device may not be

The power-saving mode of some external hard disk drives may

be released automatically when your connect them to the TV.

If a USB device connected to the TV is not recognized, the

list of files on the device is corrupted, or a file in the list is not

played, connect the USB device to a PC, format the device,

If a file you deleted from the PC is still found when you run Media Play, use the "Empty the Recycle Bin" function on the

• The scene search and thumbnail functions are not supported in

If the number of files and folders saved on a USB storage device is approximately over 4000, the files and folders may not

The maximum displayed number of files, including sub folders,

The media may not be playing smoothly when using the device

The file name only works in supported menu language. The

Name	File extension
MPEG-4 timed text	.ttxt
SAMI	.smi
SubRip	.srt
SubViewer	.sub
Micro DVD	.sub or .txt
SubStation Alpha	.ssa
Advanced SubStation Alpha	.ass

Name	Container	Format	
Xsub	AVI	Picture Format	
SubStation Alpha	MKV	Text Format	
lvanced SubStation Alpha	MKV	Text Format	
SubRip	MKV	Text Format	
MPEG-4 Timed text	MP4	Text Format	

1. Press the ◀ or ▶ button to select Photos, then press the ENTER ☐ button in the Media Play menu.

2. Press the $\blacktriangleleft/\blacktriangleright/\blacktriangle/\blacktriangledown$ buttons to select the desired photo in the file list.

- 3. Press the ENTER 🚭 button or 🕨 (Play) button.
- NOTE
- All files in the file list section will be displayed in the slide show.
- During the slide show, files are displayed in order.
- During the slide show, you can adjust the slide show speed using (REW)

You can move to other file using

or

button.

- Press TOOLS button and select Background Music. Music files can be automatically played during the Slide Show if the Background Music is set
- The Mode in Background Music cannot be changed until the BGM has

Supported Photo Formats

Other Restrictions

Image

- Sound or video may not work if the contents have a standard bit rate/ frame rate above the compatible Frame/sec listed in the table above.
- The menu may take longer to appear if the video's bit rate exceeds 10Mbps.
- Video content can not be played, if there are many contents in one file.

Supports up to H.264, Level 4.

- H.264 FMO / ASO / RS, VC1 SP / MP / AP L4 and AVCHD are not supported.
 - Below 1280 x 720: 60 frame max
 - Above 1280 x 720: 30 frame max
 - H.263 is not supported

WMA Lossless is not supported

cause a sound problem.)

- GMC is not support.
- Audio Decoder Supports up to WMA7, 8, 9 STD, 9 PRO, 10 PRO WMA 9 PRO and WMA 10 PRO support 5.1 channel. (LBR mode of WMA Pro is not

- 1. Press the ◀ or ▶ button to select Music, then press the ENTER ◄ button in the Media Play menu.
- 2. Press the ◀/▶/▲/▼ buttons to select the desired Music in the file list. 3. Press the ENTER → button or ► (Play) button.
- During music playback, you can search using the ◀ and ▶ button. (REW) and FF (FF) buttons do not function during play.
- Only displays the files with MP3 file extension. Other file extensions are not displayed, even if they are saved on the same USB device. If the need to change Equalizer - when playing MP3, then exit Media Play,

adjust the **Equalizer** in the **Sound** menu. (An over-modulated MP3 file may

- Support File System NTFS, FAT, FAT32 USB Play (Read) Copy & Capture

■ Media Play - Additional Functions

When playing a file, press the TOOLS button.

					carront corcor captaror
ategory	Operation	Videos	Music	Photos	Items are stored in Photos folder in Media Play.
tle	You can move the other file directly.	✓			At least after 15 seconds the next capture can be operated again.
epeat Mode	You can play movie and music files repeatedly.	✓	~		Sound Recording
cture Size	You can adjust the picture size to your preference.	~			After turning on the Screen&Sound Capture mode, press to make a
cture Mode	You can adjust the picture setting.	✓		✓	recording of the current sound, press again to stop the recording.
ound Mode	You can adjust the sound setting.	✓	✓		Items are stored in Music folder in Media Play.
ubtitle Setting	You can play the video with Subtitles. This function only works if the subtitles are the same file name as the video.	~			If you press any key, Audio Recording will be stopped.
udio Language	You can change the audio language if the video has more than one language.	~			View Content
top Slide Show Start Slide now	You can start or stop a Slide Show.			~	Press → or button to select Music for items of recording or Photos for items of capturing.
ide Show peed	You can select the slide show speed during the slide show.			~	Screen&Sound Capture are for personal use only, not for commercial
ackground usic	You can set and select background music when watching a Slide Show.			~	purpose and/or communication to the public. The user may not use these features for commercial purposes without prior
oom	You can zoom into images in full screen mode.			~	approval from the copyright owners and/or to use it unlawfully.

□ DivX® Video On Demand

CMYK, YCCK Colour space JPEG are not supported.

■ Plaving Multiple Files Playing selected video/music/photo files

- Press the Yellow button in the file list to select the desired file. 2. Repeat the above operation to select multiple files. NOTE
- The

 mark appears to the left of the selected files • To cancel a selection, press the Yellow button again.
- To deselect all selected files, press the TOOLS button and select Deselect Al
- Playing the video/music/photo file group
- Vhile a file list is displayed, move to any file in desired group
- Copying the files to the other USB device For 4100 / 5100 models . Press the c button in the file list to select the desired file.
- 2. When you press the B button, the selected files copy to the other
- Available only when both USB devices are connected to the TV
- $\hfill \ensuremath{\mbox{$\stackrel{\frown}{$\sim$}$}}$ The FAT32 file system cannot copy the file which size is more than 4GB. Copy&Capture is only available for 4100/5100 models.
- The maximum number of marked files for one folder is 999, if to be continued, 1 more files can be marked in another folder.
- All file system format will be transformed to FAT32 system after formating

Screen Capture After turning on the Screen&Sound Capture mode, press (to make a

Items are stored in Photos folder in Media Play

Samsung does not accept responsibility for any misuse of the service.

Software Upgrade can be performed by downloading the latest firmware from "www.samsung.com" to a USB memory device.

You can read a guide to connect external devices for HD sources.

View this information when your TV does not work properly or when you

want to upgrade the software. You can find information regarding our call centres, and how to download products and software.

The wall mount kit (sold separately) allows you to mount the TV on the wall.

For detailed information on installing the wall mount, see the instructions provided with the wall mount. Contact a technician for assistance when

☐ HD Connection Guide

□ Contact Samsung

Other Information

Installing the Wall Mount

installing the wall mount bracket.

de	repeatedly.	✓	✓	
е	You can adjust the picture size to your preference.	✓		
de	You can adjust the picture setting.	✓		✓
de	You can adjust the sound setting.	✓	✓	
etting	You can play the video with Subtitles. This function only works if the subtitles are the same file name as the video.	✓		
guage	You can change the audio language if the video has more than one language.	~		
Show e	You can start or stop a Slide Show.			~
/	You can select the slide show speed during the slide show.			✓
ıd	You can set and select background music when watching a Slide Show.			✓
	You can zoom into images in full screen mode.			~
	You can rotate images in full screen mode.			✓

You can see detailed information about the VVV Default Capture Device You can set the default device for saving captured image files and recorded audio files.

 $\ ^{\ }$ This function is only available when the USB device is connected the TV, and Shows the registration code authorized for the TV. If you connect to he DivX web site and register with 10-digit registration Screen&Sound Capture mode is on. download the VOD activation file. Once you play it using Media Play, the ☐ Software Upgrade registration is completed.

Some information on DivX® VOD, visit http://vod.divx.com. ☐ Using the Soccer Mode

Soccer Mode Tools

mode provides optimised condition for watching sports games A Zoom: Pause playback and dived the picture into 9 parts. Select a part to zoom it in. Press this button again to resume.

- When Soccer Mode is On, the picture and sound modes are set to Stadium automatically
- If you turn the TV off while watching Soccer Mode, the Soccer Mode will

☐ Using the Screen&Sound Capture mode

- Screen&Sound Capture mode [+] This mode provides a way to capture the images and audio. Only available for UH4100/5100/5140/5141/5142.
- Samsung Electronics is not responsible for any damage to the product or injury to yourself or others if you elect to install the TV on your own Press [1] again the Screen&Sound Capture mode will be turned off

Before enabling the Screen&Sound Capture mode, the USB device should

be connected first Media Play mode not available.

Wall Mount Kit Specifications (VESA)

The wall mount kit is not supplied, but sold separately nstall your wall mount on a solid wall perpendicular to the floor. When

If you install the TV on a ceiling or slanted wall, it may fall and result in

- Do not use screws that do not comply with the VESA standard screw specifications.
- Do not use screws longer than the standard dimension, as they may cause damage to the inside of the TV set.
- For wall mounts that do not comply with the VESA standard screw specifications, the length of the screws may differ depending on
- the wall mount specifications. Do not fasten the screws too firmly. This may damage the product or cause the product to fall, leading to personal injury. Samsung is
- not liable for these kinds of accidents.

 Samsung is not liable for product damage or personal injury when
- a non-VESA or non-specified wall mount is used or the consumer fails to follow the product installation instructions.

 4. Verify all connections are properly secured. Periodically check connections for any sign of fatigue for failure. If you have any do
- Do not mount the TV at more than a 15 degree tilt
- Always have two people mount the TV on a wall.

Product Family	Models	VESA scew hole specs (A * B) in millimeters	Standard Screw	Qı			
	UA23H4003 UA24H4100	75 X 75	M4				
LED-TV	UA32H4100 UA32H5100 UA40H5100 UA40H5140 UA40H5141 UA40H5142	200 X 200	M8				
	LIA48H5100						



UA48H5140

UA48H5141

Kit while your TV is turned on.
It may result in personal injury due to electric shock.

400 X 400

To prevent the TV from falling

Since the necessary clamps, screws, and string are not supplied, please

- chase these additionally. attaching to other building materials, please contact your nearest dealer.

 1. Put the screws into the clamps and firmly fasten them onto the wall.
 - Confirm that the screws have been firmly installed onto the wall
 - Nou may need additional material such as an anchor depending on the
- Standard dimensions for wall mount kits are shown in the table

 Since the necessary clamps, screws, and string are not supplied, please
- When purchasing our wall mount kit, a detailed installation manual and all parts necessary for assembly are provided.
 Remove the screws from the back Centre of the TV, put the screws into the clamps, and then fasten the screws onto the TV again. purchase these additionally.
 - Screws may not be supplied with the product. In this case, please
 - purchase the screws of the following specifications.

 3. Connect the clamps fixed onto the TV and the clamps fixed onto the
 - wall with a strong cable and then tie the string tightly.
 - Install the TV near to the wall so that it does not fall backwards.
 - It is safe to connect the string so that the clamps fixed on the wall are equal to or lower than the clamps fixed on the TV. Until the string before moving the TV.

connections for any sign of fatigue for failure. If you have any doubt about the security of your connections, contact a professional

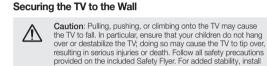
Kensington Lock The Kensington Lock is not supplied by Samsung. It is a device used to physically fix the system when using it in a public place. Refer to the manual provided with the Kensington Lock for additional information on

Please find a "๗" icon on the rear of the TV. The Kensington slot is beside the "₪" icon.

The position and colour may differ depending on the model. To lock the product, follow these steps:

- 1. Wrap the Kensington lock cable around a large, stationary object such as desk or chair. 2. Slide the end of the cable with the lock attached through the looped
- end of the Kensington lock cable. 3. Insert the locking device into the Kensington slot on the product.
- These are general instructions. For exact instructions, see the User manual supplied with the locking device.
- The locking device has to be purchased separately.

The location of the Kensington slot may be different depending on the



resulting in serious injuries or death. Follow all safety precautions provided on the included Safety Flyer. For added stability, install he anti-fall device for safety purposes, as follows.

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Troubleshooting If you have any questions about the TV, first refer to this list. If none of these troubleshooting tips apply, please visit "www.samsung.com," then click

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Problem	Possible Solution
Picture Quality	
The TV image does not look as good as it did in the store.	If you have an analogue cable/set top box, upgrade to a digital set top box. Use HDMI or Component cables to deliver HD (high definition) picture quality. Antenna connection: Try HD stations after performing Auto tuning. Many HD channels are up scaled from SD(Standard Definition) contents.
	Adjust the Cable/Set top box video output resolution to 1080i or 720p. Make sure you are watching the TV at the minimum recommended distance based on the size and definition of the signal.
The picture is distorted: macroblock error, small block, dots, pixelization	Compression of video contents may cause picture distortion especially in fast moving pictures such as sports and action movies. Low signal level or bad quality can cause picture distortion. This is not a TV issue. Mobile phones used close to the TV (cca up to 1m) may cause noise in picture on analogue and digital TV.
Colour is wrong or missing.	If you're using a component connection, make sure the component cables are connected to the correct jacks. Incorrect or loose connections may cause colour problems or a blank screen.
There is poor colour or brightness.	Adjust the Picture options in the TV menu. (go to Picture mode / Colour / Brightness / Sharpness) Try resetting the picture to view the default picture settings. (go to MENU - Picture - Picture Reset)
There is a dotted line on the edge of the screen.	If the picture size is set to Screen Fit, change it to 16:9. Change cable/satellite box resolution.
The picture is black and white.	If you are using an AV composite input, connect the video cable (yellow) to the Green jack of component input 1 on the TV
When changing channels, the picture freezes or is distorted or delayed.	If connected with a cable box, please try to reset the cable box. Reconnect the AC cord and wait until the cable box reboots. It may take up to 20 minutes. Set the output resolution of the cable box to 1080i or 720p.
Sound Quality	
There is no sound or the sound is too low at maximum volume.	Please check the volume of external device connected to your TV.
The picture is good but there is no sound.	Set the Speaker Select option to TV Speaker in the sound menu.
	 If you are using an external device, make sure the audio cables are connected to the correct audio input jacks on the TV. If you are using an external device, check the device's audio output option (ex. you may need to change your cable box's audio option to HDMI when you have a HDMI connected to your TV).
	If you are using a HDMI cable, a separate audio cable is required. If your TV has a headphone jack, make sure there is nothing plugged into it.
The speakers are making an inappropriate noise.	Check the cable connections. Make sure a video cable is not connected to an audio input. For antenna or cable connections, check the signal strength. Low signal level may cause sound distortion.
No Picture, No Video	
The TV will not turn on.	Make sure the AC power cord is securely plugged in to the wall outlet and the TV. Make sure the wall outlet is working. Try pressing the POWER button on the TV to make sure the problem is not the remote. If the TV turns on, refer to "The remote control does not work" below.
The TV turns off automatically.	Ensure the Sleep Timer is set to Off in the Time menu. If your PC is connected to the TV, check your PC power settings. Make sure the AC power cord is plugged in securely to the wall outlet and the TV. When watching TV from an antenna or cable connection, the TV will turn off after 10 ~ 15 minutes if there is no signal.
There is no picture/video.	Check cable connections (remove and reconnect all cables connected to the TV and external devices). Set your external devices' (Cable/Set top Box, DVD, Blu-ray etc) video outputs to match the connections to the TV input. For example, if an external device's output is HDMI, it should be connected to an HDMI input on the TV. Make sure your connected devices are powered on. Be sure to select the TV's correct source by pressing the SOURCE button on the TV remote.

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The TV is not receiving all channels Make sure the Antenna cable is connected securely Please try Setup (Plug & Play) to add available channels to the channel list. Go to MENU - System - Setup (Plug & Play) and wait for all available channels to be stored. Verify the Antenna is positioned correctly • Compression of video contents may cause picture distortion, especially on fast moving pictures such as sports and action A low signal can cause picture distortion. This is not a TV issue. PC Connection A "Mode Not Supported" message The video is OK but there is no audio. If you are using a HDMI connection, check the audio output setting on your PC. The picture will not display in full screen. HD channels will have black bars on either side of the screen when displaying up scaled SD (4:3) contents Black bars on the top and bottom will appear during movies that have aspect ratios different from your TV. Adjust the picture size options on your external device or TV to full screen. Replace the remote control batteries with the poles (+/-) in the right direction The remote control does not work. Clean the transmission window located on the top of the remote control Try pointing the remote directly at the TV from 5~6 feet away. Programme the Cable/Set top box remote control to operate the TV. Refer to the Cable/Set top box user manual for the The cable/set top box remote control does not turn the TV on or off, or adjust the Check the supported resolution of the TV, and adjust the external device's output resolution accordingly. Refer to resolution settings in this manual. A "Mode Not Supported" message There is a plastic smell from the TV · This smell is normal and will dissipate over time Make sure the TV is placed on a flat surface. It is necessary to use magnetized screw driver if you cannot remove the screws from the TV. If the TV is in the Store Demo mode, it will reset audio and picture settings every 5 minutes. If you want to change the settings from Store Demo mode to Home Use. Your settings are lost after 5 minutes or every time the TV is turned off. You have intermittent loss of audio or video. • Check the cable connections and reconnect them Loss of audio or video can be caused by using overly rigid or thick cables. Make sure the cables are flexible enough for long term use. If mounting the TV to the wall, we recommend using cables with 90 degree connectors. This is part of the product's design and is not a defect You see small particles when you look closely at the edge of the frame of the TV. There are recurrent picture/sound issues. • Check and change the signal/source.

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🦠 This TFT LED panel uses a panel consisting of sub pixels which require sophisticated technology to produce. However, there may be a few bright or dark pixels on the screen. These pixels will have no impact on the performance of the product.

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• To prevent this, use felt pads on any surface of the TV that comes in direct contact with furniture

 $\$ You can keep your TV as optimum condition upgrading the latest firmware on web site (www.samsung.com \rightarrow Support) by USB.

Storage and Maintenance

If you remove the attached sticker on the TV screen, clean the residues and then watch TV.





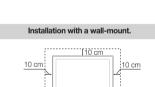
Do not spray water directly onto the product. Any liquid that goes into the product may cause a failure, fire, or electric shock.

ailing to do so may result in fire or a problem with the product due to an increase in the internal temperature of the product

Securing the Installation Space Keep the required distances between the product and other objects (e.g. walls) to ensure proper ventilation

When using a stand or wall-mount, use parts provided by Samsung Electronics only. If you use parts provided by another manufacturer, it may result in a problem with the product or an injury due to the product falling. The appearance may differ depending on the product.

Be careful when you contact the TV because some parts can be somewhat hot. Installation with a stand.



Do not use a flammable liquid (e.g. benzene, thinners) or a cleaning agent.

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DIGITAL PLUS

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7, 668,723, 7,392,195, 7,930,184, 7,333,929 and 7,548,853. DTS, the Symbol, and DTS and the Symbol together are registered tradem. Premium Sound is a trademark of DTS, Inc. ©2012 DTS, Inc. All Rights Reserved. Manufactured under a license from U.S. Patent No's: 6,285,767, 8,027,477, 5,319,713, 5,333,201, 5,638,452, 5,771,295, 5,970,152, 5,912,976, 7,200,236, 7,492,907, 8,050,434, 7,720,240, 7,031,474, 7,907,736 and 7,764,802. DTS, the Symbol, and DTS and the Symbol together are registered trademarks & DTS Studio Sound is a trademark of DTS, Inc. ©2012 DTS, Inc. All Rights Reserved.

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Open Source Licence Notice is written only English

Recommendation - Jordan Only

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The original Declaration of Conformity may be found at http://www.samsung.com, go to Support > Search Product Support and enter the model name. This equipment may be operated in Jordan - 15 -

Specifications Environmental Consideration 10°C to 40°C (50°F to 104°F) Operating Temperature 10% to 80%, non-condensing Storage Temperature -20°C to 45°C (-4°F to 113°F) Storage Humidity odel Name 1920 X 1080 1366 X 768 Display Resolution Screen Size 58 cm 60 cm 80 cm 80 cm 3W X 2 10W X 2 Output 5W X 2 10W X 2 Dimensions (W x H x D) 55.1 X 33.1 X 4.9 cm 56.1 X 34.9 X 4.7 cm 73.6 X 44.7 X 6.2 cm 72.3 X 42.7 X 6.4 cm

With Stand	55.1 X 36.8 X 12.3 cm	56.1 X 38.4 X 16.3 cm	73.6 X 48.5 X 16.3 cm	72.3 X 46.5 X 16.3 cm	
Weight					
Without Stand 2.9 kg		3.9 kg	4.8 kg	4.9 kg	
With Stand	3.0 kg	4.1 kg	5.3 kg	5.3 kg	
		UA40H5140		UA48H5140	
Model Name	UA40H5100	UA40H5141	UA48H5100	UA48H5141	
		UA40H5142		UA48H5142	
Display Resolution	1920 X 1080				
Screen Size 101 cm		101 cm 121 cm		121 cm	
Sound					
Output	10W X 2				
Dimensions (W x H x D)					
Body	90.8 X 53.2 X 6.4 cm	90.8 X 52.9 X 7.1 cm	107.6 X 62.6 X 6.5 cm	107.6 X 62.3 X 7.1 cm	
With stand	00 9 V 57 9 V 10 6 om	00 9 V 57 9 V 10 6 cm	107 6 V 67 4 V 20 2 cm	107 6 V 67 4 V 20 2 cm	

With Stand Design and specifications are subject to change without prior notice

For information about the power required and more about power consumption, refer to the label attached to the product. * The option may differ depending on country.

UH5100 models/series include UH5140/5141/5142.

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[UH4003-ME]BN68-05733J-11ENG.indb 2